

Title (en)

Decoupling device for mounting a support shaft on a base and radial ondular washer

Title (de)

Entkopplungsvorrichtung für eine Lagerung einer Welle an einem Grundkörper sowie Radialwellfeder

Title (fr)

Dispositif de désaccouplement d'un roulement d'un arbre situé sur un corps de base, et ressort ondulé radial

Publication

**EP 1908972 B1 20111102 (DE)**

Application

**EP 08000885 A 20030225**

Priority

- EP 03722195 A 20030225
- DE 10208995 A 20020228

Abstract (en)

[origin: DE10307842A1] Decoupling device for mounting a shaft, especially a shaft of a spherical-disk-shaped enveloping gear operating with a chain as the enveloping device, on a base body (8) has an outer bearing ring (4) having a circular cylindrical outer surface (14) and inside which the shaft is mounted, and an inner surface (16) surrounding the outer surface and rigidly connected to the base body. At least one radial ondular washer (18a) arranged between the outer surface and the inner surface allows restricted relative radial movement between the inner surface and the outer surface under elastic deformation. Independent claims are also included for radial ondular washers.

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

DE102014220068A1; CN110337532A; US11291195B2; DE102015222644A1; DE102012209459A1; DE102013211461A1; DE102012222802A1; DE102011012913A1; WO2011116739A1; US10400817B2

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